Schlumberger K.K. 2-2-1 Fuchinobe, Sagamihara-shi Kanagawa-ken 229-0006 Japan Tel: +81 42 759 5202 Fax: +81 42 759 5398 Schlumberger

10/690382 10/690382

Via Express Mail EU928245189US

Date of Deposit: 27 - OCT - 2003

Assistant Commissioner for Patents Box NEW PATENT APPLICATION Alexandria, VA 22313-1450

Re:

New Patent of:

S. Miyamae, et al.

entitled, "Methods and Apparatus for Downhole Inter-Tool Communication"

(Our Reference No. 26.0186 US)

Sir,

Enclosed for filing in the U.S. Patent and Trademark Office is the above-identified new patent application, which includes 16 pages of text, 6 pages of claims (1-48), Abstract, 12 sheets of drawings (Figs 1-10), an executed Declaration, an Information Disclosure Statement and Fee Transmittal.

This application should be associated with Customer Number 30686, and correspondence should be sent to

Schlumberger K.K.
Intellectual Property and Legal Department
2-2-1 Fuchinobe, Sagamihara-shi,
Kanagawa-ken 229-0006
Japan

It is respectfully requested that a filing date bearing today's date be assigned to this application in accordance with 37 CFR § 1.10, which permits express mail filing.

The Commissioner is hereby authorized to charge Deposit Account No. 50-1122 the amount shown on the fee transmittal and any other filing fees that may be required under 37 CFR §1.16. Should this amount be incorrect, the Commissioner is hereby authorized to charge or credit any deficiency or overpayment to Deposit account No. 50-1122.

Two copies of this transmittal letter are enclosed for PTO accounting use.

Respectfully submitted,

Robin Nava

Registration No. 42,926



PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0551-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL		Complete if Known				
		Application Number	To be assigned			
for FY 2	003	Filing Date	Herewith			
Effective 01/01/2003. Patent fees are subject to annual revision.		First Named Inventor	S. Miyamae, et al.			
Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 1,590		Examiner Name	Unknown			
		Art Unit	Unknown			
		Attorney Docket No.	26.0186 US			

(4)	Attorney Docket No. 20.0166 US					
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES				
Deposit Account:		Entity	Small	Entity		
Denosit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Coo Doid
Account 50-1122	1051	130	2051		Surcharge - late filing fee or oath	Fee Paid
Number Deposit Cohlumborger K K		50	2052		Surcharge - late provisional filing fee or	
Account Name					cover sheet	
The Director is authorized to: (check all that apply)		130	1053		Non-English specification	
✓ Charge fee(s) indicated below ✓ Credit any overpayments		2,520	i	•	For filing a request for ex parte reexamination	-
Charge any additional fee(s) during the pendency of this application		920*	1804	920"	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after	
to the above-identified deposit account.		440	2054		Examiner action	
FEE CALCULATION	1251	110	2251		Extension for reply within first month Extension for reply within second month	
1. BASIC FILING FEE	1252	410	2252	205	• •	
Large Entity Small Entity Fee Fee Fee Fee Paid Fee Paid	1253	930	2253		Extension for reply within third month	
Code (\$) Code (\$)		1,450	2254	725	Extension for reply within fourth month	
1001 750 2001 375 Utility filing fee 750		1,970	2255	985	Extension for reply within fifth month	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402		Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451		Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2453	650	Petition to revive - unintentional	
Fee from			2501	650	Utility issue fee (or reissue)	
Extra Claims below Fee Paid Total Claims 48 -20** = 28 X \$18 = \$504	1502	470	2502		Design issue fee	
Independent 7 - 3** = 4 × \$84 = \$336	1503	630	2503		Plant issue fee	
Claims	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be	
1204 84 2204 42 ** Reissue independent claims			"		examined (37 CFR 1.129(b))	
over original patent	1801	750	2801	375	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 840		Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above			Basic f	Filing F	ee Paid SUBTOTAL (3) (\$)	

SUBMITTED BY (Complete (if applicable) Registration No. Name (Print/Type) Robin Nava 42,926 Telephone 81-42-759-5202 Date 1-007-200] Signature

> WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: S. Miyamae, et al.) Docket: 26.0186 US
Serial No.: To be assigned) Group Art Unit: Unknown)
Filed: To be filed) S
For: Methods and Apparatus for Downhole Inter-7 Communication) Examiner: Unknown Fool))
EXPRESS MAIL (UNDER 37 (
Assistant Commissioner for Patents Box NEW PATENT APPLICATION Alexandria, VA 22313-1450	
Dear Sir:	
Express Mail Label Number: Date of Deposit:	EU928245189US OC7-2003
I hereby certify that the attached Patent Applications deposited with the United States Postal Service under 37 CFR § 1.10 on the date indicated above and i Patents, Box NEW PATENT APPLICATION, Alexandrian	'Express Mail Post Office to Addressee" service s addressed to the Assistant Commissioner for
	Respectfully Submitted,
	her_
Date: 21-001-2003	Robin Nava Registration Number 42,926
Schlumberger K.K.	<i></i>
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